JOURNAL OF REGIONAL SCIENCE

INDEX TO VOLUME 14

(1974)

Edited by WALTER ISARD, RONALD E. MILLER and BENJAMIN H. STEVENS
Managing Editor: RONALD E. MILLER
Assistant Editor: ELENA YANDOLA

ARTICLES

Air Pollution: A Reply to Mullet, More on. KENNETH F. WIEAND, Vol. 14, No. 1, April 1974, pp. 139–142.

Air Pollution and Property Values: A Study of the St. Louis Area, A Comment on. GARY M. MULLET, Vol. 14, No. 1, April 1974, pp. 137–138.

Agglomeration Potential: A Generalization of the Income Potential Concept. HARRY W. RICHARDSON, Vol. 14, No. 3, pp. 325–336.

Central Metrics and Optimal Location. J. PERREUR and J. THISSE, Vol. 14, No. 3, December 1974, p. 411–421.

Disequilibrium Model of Regional Investment, A. ROBERT F. ENGLE, Vol. 14, No. 3, December 1974, pp. 367–376.

Econometric Model of Intraurban Location, An. DONALD N. STEINNES and WALTER D. FISHER, Vol. 14, No. 1, April 1974, pp. 65–80.

Econometric Models: Extension of Glickman's Structure to Los Angeles, Building Small Region. OWEN P. HALL and JOSEPH A. LICARI, Vol. 14, No. 3, December 1974, pp. 337–353.

Economic Base Model: A Very Special Case of Input-Output Analysis, The. ELIAHU ROMANOFF, Vol. 14, No. 1, April 1974, pp. 121–129.

Entropy Maximizing Models, Mathematical Programming Models, and Their Duals, Some Relationships Between. A. G. WILSON and M. L. SENIOR, Vol. 14, No. 2, August 1974, pp. 207–215.

Expectations, Information, and Human Migration: Specifying an Econometric Model of Irish Migration to Britain. BRENDAN M. WALSH, Vol. 14, No. 1, April 1974, pp. 107–120.

Farm Shape and Central Place Location, Theoretical Patterns of. DAVID R. LEE and G. THOMAS SALLEE, Vol. 14, No. 3, December 1974, pp. 423–430.

Generalized Trip Distribution Model, More on the. FRANK J. CESARIO, Vol. 14, No. 3, December 1974, pp. 389–397.

Industrial Complexes Using Input-Output Data, A New Approach to the Identification of. HOWARD ROEPKE, DAVID ADAMS, and ROBERT WISEMAN, Vol. 14, No. 1, April 1974, pp. 15–29.

Industrial Location and Air Pollution Abatement. ROBERT E. KOHN, Vol. 14, No. 1, April 1974, pp. 55–63.

Lagged Response in the Decision to Migrate, A Note on. VERNON RENSHAW, Vol. 14, No. 2, August 1974, pp. 273–280.

Managerial Skills, Labor Migration, and the Pattern of Regional Production and Trade in Japanese Manufacturing. Y. HORIBA, Vol. 14, No. 3, December 1974, pp. 399–409.

Metzler-Type Model for the Canadian Regions, A. A. GUCCIONE and W. J. GILLEN, Vol. 14, No. 2, August 1974, pp. 173–189.

Migration to Central Cities: A Comment, Determinants of. RICHARD J. CEBULA and CHRISTOPHER CURRAN, Vol. 14, No. 2, August 1974, pp. 287–290.

Migration to Central Cities: A Reply, Determinants of. JANET ROTHENBERG PACK, Vol. 14, No. 2, August 1974, pp. 291–292.

Multivariate Statistical Technique for Regionalization, A. K. Reuben Gabriel, Morris Hill, and Hubert Law-Yone, Vol. 14, No. 1, April 1974, pp. 89–106.
National Growth and Regional Income Inequality: Further Results. Noboru Sakashita and Osamu Kamoike, Vol. 14, No. 1, April 1974, pp. 81–87.
Nonsurvey Input-Output Techniques at the Small Area Level: An Evaluation. W. I. Morrison and P. Smith, Vol. 14, No. 1, April 1974, pp. 1–14.
Nonsurvey Techniques for Estimating Regional Input-Output Models, An Appraisal of. David G. McMenamin and Joseph E. Haring, Vol. 14, No. 2, August 1974, pp. 191–205.
Optimal Facility Location with Respect to Several Regions. Charles D. Bennett and Abbas Mirakhor, Vol. 14, No. 1, April 1974, pp. 131–136.
Optimal Urban Densities and Optimal City Size, Impact Analysis on. Oscar Fisch, Vol. 14, No. 2, August 1974, pp. 233–246.
Optimal Urban Forms. Peter Gordon and William K. MacReynolds, Vol. 14, No. 2, August 1974, pp. 217–231.
Quandt's Model of Transportation and Optimal Network Construction, Two Errors in. A. D. Pearman, Vol. 14, No. 2, August 1974, pp. 281–286.
Random Locational Equilibrium Problem, A. Leon Cooper, Vol. 14, No. 1, April 1974, pp. 47–54.
RAS Method of Interindustry Coefficient Adjustment, Empirical Tests of the. Emil Malizia and Daniel L. Bond, Vol. 14, No. 3, December 1974, pp. 355–365.
Regional Industrial Diversification, Alternative Strategies for. Michael E. Conroy, Vol. 14, No. 1, April 1974, pp. 31–46.
Regional Patterns of Urban Finance: 1880–1890. Ronald W. Filante, Vol. 14, No. 2, August 1974, pp. 269–272.
Transport Mode Choice: The Dimensions of Trip Length and Journey Purpose, Homogeneity of Models of. Peter L. Watson, Vol. 14, No. 2, August 1974, pp. 247–257.
Trip Distribution Data, Exploratory Analyses of. Paul B. Slater, Vol. 14, No. 3, December 1974, pp. 377–388.
Wages in Subregional Labor Markets in the United States: 1961–1972, Joint Estimation of the Determinants of. Richard G. Marcis and J. David Reed, Vol. 14, No. 2, August 1974, pp. 259–267.

BOOK REVIEWS

Alleviating Economic Distress: Evaluating a Federal Effort, by Raymond H. Milkman, Christopher Bladen, Beverly Lyford and Howard L. Walton. Review by Niles Hansen, Vol. 14, No. 2, August 1974, pp. 306–307.
Chains of Opportunity, by Harrison C. White. Review by John Holmes, Vol. 14, No. 1, April 1974, pp. 143–145.
Diffusion of an Innovation in an Urban System, by Yehoshua S. Cohen. Review by Ronald D. Garst, Vol. 14, No. 2, August 1974, pp. 298–301.
Effect of Public Policy on Housing Markets, The, by Hugh O. Nourse. Review by Risa Palm, Vol. 14, No. 3, December 1974, pp. 436–439.
Elementary Introduction to Dynamic Programming: A State Equation Approach, An, by Brian Gluss. Review by Ross D. MacKinnon, Vol. 14, No. 1, April 1974, pp. 150–151.
Employment Expansion and Metropolitan Trade, by Richard Victor Knight. Review by Nancy R. Bain, Vol. 14, No. 3, December 1974, pp. 439–441.
Entrepreneurship and Economic Development, by Peter Kilby (ed.). Review by William V. Ackerman, Vol. 14, No. 2, August 1974, pp. 304–306.
Environment: A New Focus for Land-Use Planning, by Donald McAllister (ed.). Review by Mark B. Lapping, Vol. 14, No. 3, December 1974, pp. 441–442.
Freight Flows and Spatial Aspects of the British Economy, by Michael Chisholm and Patrick O'Sullivan. Review by S. Earl Brown, Vol. 14, No. 3, December 1974, pp. 434–436.
Geographical Diffusion Theory, by John C. Hudson. Review by Ronald D. Garst, Vol. 14, No. 2, August 1974, pp. 298–301.

Geography and Contemporary Issues: Studies of Relevant Problems, by Melvin Albaum (ed.). Review by RISA PALM, Vol. 14, No. 3, December 1974, pp. 436–439.
Growth Centers in the American Urban Systems, Vol. I and II, by Brian J. L. Berry. Review by NANCY R. BAIN, Vol. 14, No. 3, December 1974, pp. 439–441.
Income Flows in Urban Poverty Areas, by Richard Lance Schaffer. Review by NANCY R. BAIN, Vol. 14, No. 3, December 1974, pp. 439–441.
Industrialization in a Latin American Common Market, by Martin Carnoy. Review by WILLIAM V. ACKERMAN, Vol. 14, No. 2, August 1974, pp. 304–306.
Input-Output and Regional Economics, by Harry M. Richardson. Review by JERALD R. BARNARD, Vol. 14, No. 2, August 1974, pp. 296–298.
International Trade, Migration, and Capital Flows, by Donald B. Freeman. Review by R. KEITH SEMPLE, Vol. 14, No. 2, August 1974, pp. 301–304.
Invention and Economic Growth, by Jacob Schmookler. Review by RONALD D. GARST, Vol. 14, No. 2, August 1974, pp. 298–301.
Landscape Indicators: New Techniques in Geology and Geography, by A. G. Chikishev (ed.). Review by MARK B. LAPPING, Vol. 14, No. 3, December 1974, pp. 441–442.
Land Use and the Environment: An Anthology of Readings, by Virginia Curtis (ed.). Review by MARK B. LAPPING, Vol. 14, No. 3, December 1974, pp. 441–442.
Location Preferences, Migration, and Regional Growth: A Study of the South and Southwestern United States, by Niles M. Hansen. Review by THOMAS N. CHIRIKOS, Vol. 14, No. 2, August 1974, pp. 307–310.
Models of Economic Growth, by Daniel Hamberg. Review by ELBERT V. BOWDEN, Vol. 14, No. 2, August 1974, pp. 293–296.
Multidimensional Scaling: Theory and Applications in the Behavioral Sciences, by R. N. Shepard, A. Kimball Romney, and Sara Beth Nerlove (eds.). Review by RON BRIGGS, Vol. 14, No. 1, April 1974, pp. 145–149.
Multivariate Data Analysis, by W. W. Cooley and P. R. Lohnes. Review by MILTON E. HARVEY, Vol. 14, No. 1, April 1974, pp. 152–154.
Poverty in the Nonmetropolitan South, by George Thomas. Review by NANCY R. BAIN, Vol. 14, No. 3, December 1974, pp. 439–441.
Progress in Geography: International Reviews of Current Research, Volume 5, by Christopher Board *et al.* (eds.). Review by R. KEITH SEMPLE and A. JOHN ARNFIELD, Vol. 14, No. 3, December 1974, pp. 431–434.
Regional and Interregional Intersectoral Flow Analysis, by Tong Hun Lee, John R. Moore, and David P. Lewis. Review by JERALD R. BARNARD, Vol. 14, No. 2, August 1974, pp. 296–298.
Regional Development in Britain, by Gerald Manners *et al.* Review by S. EARL BROWN, Vol. 14, No. 3, December 1974, pp. 434–436.
Regional Incomes in the United States 1929–1967, by Philip M. Lankford. Review by R. KEITH SEMPLE, Vol. 14, No. 2, August 1974, pp. 301–304.
Regional Science Techniques in Practice: The Case of Nova Scotia, by Stan Czamanski. Review by ELBERT V. BOWDEN, Vol. 14, No. 2, August 1974, pp. 293–296.
Social Intervention: A Behavioral Science Approach, by Harvey A. Hornstein *et al.* (eds.). Review by RISA PALM, Vol. 14, No. 3, December 1974, pp. 436–439.
Use of Land: A Citizen's Policy Guide to Urban Growth, The, by William K. Reilly (ed.). Review by ELBERT HUBBARD, Vol. 14, No. 3, December 1974, pp. 443.
Workers on the Move: The Sociology of Relocation, by Michael Mann. Review by THOMAS N. CHIRIKOS, Vol. 14, No. 2, August 1974, pp. 307–310.

CONTRIBUTORS

ACKERMAN, WILLIAM V. Review of *Industrialization in a Latin American Common Market*, by Martin Carnoy, and *Entrepreneurship and Economic Development*, by Peter Kilby (ed.), Vol. 14, No. 2, August 1974, pp. 304–306.
ADAMS, DAVID. See Howard Roepke.
ARNFIELD, A. JOHN. See R. Keith Semple.

BAIN, NANCY R. Review of *Employment Expansion and Metropolitan Trade*, by Richard Victor Knight, *Growth Centers in the American Urban System*, Vols. I and II, by Brian J. L. Berry, *Income Flows in Urban Poverty Areas*, by Richard Lance Schaffer, and *Poverty in the Nonmetropolitan South*, by George Thomas, Vol. 14, No. 3, December 1974, pp. 439–441.

BARNARD, JERALD R. Review of *Input-Output and Regional Economics*, by Harry M. Richardson, and *Regional and Interregional Intersectoral Flow Analysis*, by Tong Hun Lee, John R. Moore, and David P. Lewis, Vol. 14, No. 2, August 1974, pp. 296–298.

BENNETT, CHARLES D. and ABBAS MIRAKHOR. Optimal Facility Location with Respect to Several Regions, Vol. 14, No. 1, April 1974, pp. 131–136.

BOND, DANIEL. See Emil Malizia.

BOWDEN, ELBERT V. Review of *Models of Economic Growth*, by Daniel Hamberg, and *Regional Science Techniques in Practice: The Case of Nova Scotia*, by Stan Czamanski, Vol. 14, No. 2, August 1974, pp. 293–296.

BRIGGS, RON. Review of *Multidimensional Scaling: Theory and Applications in the Behavioral Sciences*, by R. N. Shepard, A. Kimball Romney, and Sara Beth Nerlove (eds.), Vol. 14, No. 1, April 1974, pp. 145–149.

BROWN, S. EARL. Review of *Regional Development in Britain*, by Gerald Manners *et al.*, and *Freight Flows and Spatial Aspects of the British Economy*, by Michael Chisholm and Patrick O'Sullivan, Vol. 14, No. 3, December 1974, pp. 434–436.

CEBULA, RICHARD J. and CHRISTOPHER CURRAN. Determinants of Migration to Central Cities: A Comment, Vol. 14, No. 2, August 1974, pp. 287–290.

CESARIO, FRANK J. More on the Generalized Trip Distribution Model, Vol. 14, No. 3, December 1974, pp. 389–397.

CHIRIKOS, THOMAS N. Review of *Location Preferences, Migration, and Regional Growth: A Study of the South and Southwestern United States*, by Niles M. Hansen, and *Workers on the Move: The Sociology of Relocation*, by Michael Mann, Vol. 14, No. 2, August 1974, pp. 307–310.

CONROY, MICHAEL E. Alternative Strategies for Regional Industrial Diversification, Vol. 14, No. 1, April 1974, pp. 31–46.

COOPER, LEON. A Random Locational Equilibrium Problem, Vol. 14, No. 1, April 1974, pp. 47–54.

CURRAN, CHRISTOPHER. See Richard J. Cebula.

ENGLE, ROBERT F. A Disequilibrium Model of Regional Investment, Vol. 14, No. 3, December 1974, pp. 367–376.

FILANTE, RONALD W. Regional Patterns of Urban Finance: 1880–1890, Vol. 14, No. 2, August 1974, pp. 269–272.

FISCH, OSCAR. Impact Analysis on Optimal Urban Densities and Optimal City Size, Vol. 14, No. 2, August 1974, pp. 233–246.

FISHER, WALTER D. See Donald N. Steinnes.

GABRIEL, K. REUBEN, MORRIS HILL, and HUBERT LAW-YONE. A Multivariate Statistical Technique for Regionalization, Vol. 14, No. 1, April 1974, pp. 89–106.

GARTS, RONALD D. Review of *Invention and Economic Growth*, by Jacob Schmookler, *Geographical Diffusion Theory*, by John C. Hudson, and *Diffusion of an Innovation in an Urban System*, by Yehoshua S. Cohen, Vol. 14, No. 2, August 1974, pp. 298–301.

GILLEN, W. J. See A. Guccione.

GORDON, PETER and WILLIAM K. MACREYNOLDS. Optimal Urban Forms, Vol. 14, No. 2. August 1974, pp. 217–231.

GUCCIONE, A. and W. J. GILLEN. A Metzler-Type Model for the Canadian Regions, Vol. 14, No. 2, August 1974, pp. 173–189.

HALL, OWEN P. and JOSEPH A. LICARI. Building Small Region Econometric Models: Extension of Glickman's Structure to Los Angeles, Vol. 14, No. 3, December 1974, pp. 337–353.

HANSEN, NILES. Review of *Alleviating Economic Distress: Evaluating a Federal Effort*, by Raymond H. Milkman, Christopher Bladen, Beverly Lyford and Howard L. Walton, Vol. 14, No. 2, August 1974, pp. 306–307.

HARING, JOSEPH E. See David G. McMenamin.

HARVEY, MILTON E. Review of *Multivariate Data Analysis*, by W. W. Cooley and P. R. Lohnes, Vol. 14, No. 1, April 1974, pp. 152–154.

HILL, MORRIS. See K. Reuben Gabriel.

HOLMES, JOHN. Review of *Chains of Opportunity*, by Harrison C. White, Vol. 14, No. 1, April 1974, pp. 143–145.

HORIBA, Y. Managerial Skills, Labor Migration, and the Pattern of Regional Production and Trade in Japanese Manufacturing, Vol. 14, No. 3, December 1974, pp. 399–409.

HUBBARD, ELBERT. Review of *The Use of Land: A Citizen's Policy Guide to Urban Growth*, by William K. Reilly (ed.), Vol. 14, No. 3, December 1974, pp. 443.

KAMOIKE, OSAMU. See Noboru Sakashita.

KOHN, ROBERT E. Industrial Location and Air Pollution Abatement, Vol. 14, No. 1, April 1974, pp. 55–63.

LAPPING, MARK B. Review of *Land Use and the Environment: An Anthology of Readings*, by Virginia Curtis (ed.), *Environment: A New Focus for Land-Use Planning*, by Donald McAllister (ed.), and *Landscape Indicators: New Techniques in Geology and Geography*, by A. G. Chikishev (ed.), Vol. 14, No. 3, December 1974, pp. 441–442.

LAW-YONE, HUBERT. See K. Reuben Gabriel.

LEE, DAVID R. and G. THOMAS SALLEE. Theoretical Patterns of Farm Shape and Central Place Location, Vol. 14, No. 3, December 1974, pp. 423–430.

LICARI, JOSEPH A. See Owen P. Hall.

MACKINNON, ROSS D. Review of *An Elementary Introduction to Dynamic Programming: A State Equation Approach*, by Brian Gluss, Vol. 14, No. 1, April 1974, pp. 150–151.

MACREYNOLDS, WILLIAM K. See Peter Gordon.

MALIZIA, EMIL and DANIEL L. BOND. Empirical Tests of the RAS Method of Interindustry Coefficient Adjustment, Vol. 14, No. 3, December 1974, pp. 355–365.

MARCIS, RICHARD G. and J. DAVID REED. Joint Estimation of the Determinants of Wages in Subregional Labor Markets in the United States: 1961–1972, Vol. 14, No. 2, August 1974, pp. 259–267.

MCMENAMIN, DAVID G. and JOSEPH E. HARING. An Appraisal of Nonsurvey Techniques for Estimating Regional Input-Output Models, Vol. 14, No. 2, August 1974, pp. 191–205.

MIRAKHOR, ABBAS. See Charles D. Bennett.

MORRISON, W. I. and P. SMITH. Nonsurvey Input-Output Techniques at the Small Area Level: An Evaluation, Vol. 14, No. 1, April 1974, pp. 1–14.

MULLET, GARY M. A Comment on Air Pollution and Property Values: A Study of the St. Louis Area, Vol. 14, No. 1, April 1974, pp. 137–138.

PACK, JANET ROTHENBERG. Determinants of Migration to Central Cities: A Reply, Vol. 14, No. 2, August 1974, pp. 291–292.

PALM, RISA. Review of *Social Intervention: A Behavioral Science Approach*, by Harvey A. Hornstein *et al.* (eds.), *The Effect of Public Policy on Housing Markets*, by Hugh O. Nourse, and *Geography and Contemporary Issues: Studies of Relevant Problems*, by Melvin Albaum (ed.), Vol. 14, No. 3, December 1974, pp. 436–439.

PEARMAN, A. D. Two Errors in Quandt's Model of Transportation and Optimal Network Construction, Vol. 14, No. 2, August 1974, pp. 281–286.

PERREUR, J. and J. THISSE. Central Metrics and Optimal Location, Vol. 14, No. 3, December 1974, pp. 411–421.

REED, J. DAVID. See Richard G. Marcis.

RENSHAW, VERNON. A Note on Lagged Response in the Decision to Migrate, Vol. 14, No. 2, August 1974, pp. 273–280.

RICHARDSON, HARRY W. Agglomeration Potential: A Generalization of the Income Potential Concept, Vol. 14, No. 3, December 1974, pp. 325–336.

ROEPKE, HOWARD, DAVID ADAMS, and ROBERT WISEMAN. A New Approach to the Identification of Industrial Complexes Using Input-Output Data, Vol. 14, No. 1, April 1974, pp. 15–29.

ROMANOFF, ELIAHU. The Economic Base Model: A Very Special Case of Input-Output Analysis, Vol. 14, No. 1, April 1974, pp. 121–129.

SAKASHITA, NOBORU and OSAMU KAMOIKE. National Growth and Regional Income Inequality: Further Results, Vol. 14, No. 1, April 1974, pp. 81–87.

SALLEE, G. THOMAS. See David R. Lee.

SEMPLE, R. KEITH. Review of *Regional Incomes in the United States 1929–1967*, by Philip M. Lankford, and *International Trade, Migration, and Capital Flows*, by Donald B. Freeman, Vol. 14, No. 2, August 1974, pp. 301–304.

—— and A. JOHN ARNFIELD. Review of *Progress in Geography: International Reviews of Current Research*, Volume 5, by Christopher Board *et al.* (eds.), Vol. 14, No. 3, December 1974, pp. 431–434.

SENIOR, M. L. See A. G. Wilson.

SLATER, PAUL B. Exploratory Analyses of Trip Distribution Data, Vol. 14, No. 3, December 1974, pp. 377–388.

SMITH, P. See W. I. Morrison.

STEINNES, DONALD N. and WALTER D. FISHER. An Econometric Model of Intraurban Location, Vol. 14, No. 1, April 1974, pp. 65–80.

THISSE, J. See J. Perreur.

WALSH, BRENDAN M. Expectations, Information, and Human Migration: Specifying an Econometric Model of Irish Migration to Britain, Vol. 14, No. 1, April 1974, pp. 107–120.

WATSON, PETER L. Homogeneity of Models of Transport Mode Choice: The Dimensions of Trip Length and Journey Purpose, Vol. 14, No. 2, August 1974, pp. 247–257.

WIEAND, KENNETH F. More on Air Pollution: A Reply to Mullet, Vol. 14, No. 1, April 1974, pp. 139–142.

WILSON, A. G. and M. L. SENIOR. Some Relationships Between Entropy Maximizing Models, Mathematical Programming Models, and Their Duals, Vol. 14, No. 2, August 1974, pp. 207–215.

WISEMAN, ROBERT. See Howard Roepke.